

Welcome
United States Patent and Trademark Office



Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet



Print Format

Your search matched **1** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 **A feedback model of visual attention**

Janakiraman, J.; Unnikrishnan, K.P.;

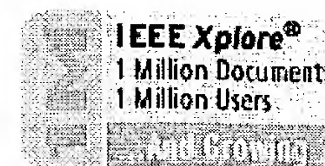
Neural Networks, 1992. IJCNN., International Joint Conference on , Volume: 3 , 7-11 June 1992

Pages:541 - 546 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(336KB\)\]](#) **IEEE CNF**



Welcome
United States Patent and Trademark Office



[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

[Quick Links](#)

[» Search Results](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **5** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 A dual band low PIM feed system for Cassegrain applications

Beadle, M.; Casey, S.; Schwerdtfeger, R.;

Antennas and Propagation Society International Symposium, 1999. IEEE ,Volume: 1 , 11-16 July 1999

Pages:696 - 699 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(112KB\)\]](#) IEEE CNF

2 A tri-band reflector antenna with dual band TE₂₁ mode tracking

Patel, S.; Schwerdtfeger, R.; Chugh, R.; Webb, J.;

Antennas and Propagation Society International Symposium, 1999. IEEE ,Volume: 1 , 11-16 July 1999

Pages:700 - 703 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(120KB\)\]](#) IEEE CNF

3 A low-loss dual polarized feed system for broadband communication antennas

Schwerdtfeger, R.;

Antennas and Propagation Society International Symposium, 1984 ,Volume: 22 , Jun 1984

Pages:599 - 603

[\[Abstract\]](#) [\[PDF Full-Text \(240KB\)\]](#) IEEE CNF

4 A coaxial dual mode feed system

Schwerdtfeger, R.;

Antennas and Propagation Society International Symposium, 1979 ,Volume: 17 , Jun 1979

Pages:286 - 289

[\[Abstract\]](#) [\[PDF Full-Text \(200KB\)\]](#) IEEE CNF

5 Development of a wide-band quadrature junction for simultaneous C-band and Ku-band satellite communication applications

Hoferer, R.A.; Schwerdtfeger, R.;

Antennas and Propagation Society International Symposium, 2002. IEEE ,Volume: 4 , 16-21 June 2002

Pages:116 - 119 vol.4

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

 [Print Format](#)

Your search matched **27** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Temperature dependence of 1/f noise in polysilicon-emitter bipolar transistors

Enhui Zhao; Celik-Butler, Z.; Thiel, F.; Dutta, R.;

Electron Devices, IEEE Transactions on , Volume: 49 , Issue: 12 , Dec. 2002
Pages:2230 - 2236

[\[Abstract\]](#) [\[PDF Full-Text \(527KB\)\]](#) IEEE JNL

2 Traffic grooming in WDM networks: past and future

Dutta, R.; Rouskas, G.N.;

Network, IEEE , Volume: 16 , Issue: 6 , Nov.-Dec. 2002
Pages:46 - 56

[\[Abstract\]](#) [\[PDF Full-Text \(1512KB\)\]](#) IEEE JNL

3 On optimal traffic grooming in WDM rings

Dutta, R.; Rouskas, G.N.;

Selected Areas in Communications, IEEE Journal on , Volume: 20 , Issue: 1 , Jan. 2002
Pages:110 - 121

[\[Abstract\]](#) [\[PDF Full-Text \(234KB\)\]](#) IEEE JNL

4 A physical and circuit level approach for modeling turn-off characteristics of GTOs

Dutta, R.; Cheanlung Tsay; Rothwarf, A.; Fischl, R.;

Power Electronics, IEEE Transactions on , Volume: 9 , Issue: 6 , Nov. 1994
Pages:560 - 566

[\[Abstract\]](#) [\[PDF Full-Text \(568KB\)\]](#) IEEE JNL

5 DSS: a distributed high-level synthesis system

Roy, J.; Kumar, N.; Dutta, R.; Vemuri, R.;

Design & Test of Computers, IEEE , Volume: 9 , Issue: 2 , June 1992
Pages:18 - 32

[\[Abstract\]](#) [\[PDF Full-Text \(1132KB\)\]](#) IEEE JNL

6 A new analytical model for gated turn-off of thyristors

Dutta, R.; Rothwarf, A.;

Electron Devices, IEEE Transactions on , Volume: 39 , Issue: 7 , July 1992
Pages:1752 - 1757

[\[Abstract\]](#) [\[PDF Full-Text \(484KB\)\]](#) IEEE JNL

7 Design considerations for p-i-n thyristor structures

Dutta, R.; Rothwarf, A.;

Power Electronics, IEEE Transactions on , Volume: 7 , Issue: 2 , April 1992

Pages:430 - 435

[\[Abstract\]](#) [\[PDF Full-Text \(508KB\)\]](#) IEEE JNL

8 A new physical model for calculating storage time in GTO thyristors

Dutta, R.; Rothwarf, A.;

Electron Device Letters, IEEE , Volume: 12 , Issue: 3 , March 1991

Pages:131 - 133

[\[Abstract\]](#) [\[PDF Full-Text \(188KB\)\]](#) IEEE JNL

9 An investigation of a segmented rotor interior permanent magnet (IPM) machine for field weakening

Rahman, F.; Dutta, R.;

Power Electronics and Drive Systems, 2003. PEDS 2003. The Fifth International Conference on , Volume: 1 , 17-20 Nov. 2003

Pages:491 - 496 Vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(502KB\)\]](#) IEEE CNF

10 A new rotor design of interior permanent magnet machine suitable for wide speed range

Rahman, F.; Dutta, R.;

Industrial Electronics Society, 2003. IECON '03. The 29th Annual Conference of the IEEE , Volume: 1 , 2-6 Nov. 2003

Pages:699 - 704 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(360KB\)\]](#) IEEE CNF

11 Determination of tea quality by using a neural network based electronic nose

Dutta, R.; Hines, E.L.; Gardner, J.W.; Kashwan, K.R.; Bhuyan, M.;

Neural Networks, 2003. Proceedings of the International Joint Conference on , Volume: 1 , 20-24 July 2003

Pages:404 - 409 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(461KB\)\]](#) IEEE CNF

12 Wavelength sensitive polarimeter for multichannel polarization and PMD monitoring

Westbrook, P.; Moller, L.; Chandrasekhar, S.; Dutta, R.; Wielandy, S.;

Optical Fiber Communication Conference and Exhibit, 2002. OFC 2002 , 17-22 March 2002

Pages:257 - 259

[\[Abstract\]](#) [\[PDF Full-Text \(351KB\)\]](#) IEEE CNF

13 Modeling and characterization of the limits of transistor operation due to quasisaturation

Dutta, R.; Thiel, F.;

Bipolar/BiCMOS Circuits and Technology Meeting, 2002. Proceedings of the 2002 , 29 Sept.-1 Oct. 2002

Pages:53 - 56

[\[Abstract\]](#) [\[PDF Full-Text \(418KB\)\]](#) [IEEE CNF](#)

14 Insulated gate triac: device operation and applications

Ajit, J.S.; Dutta, R.; Kinzer, D.;

Power Electronics Specialists Conference, 1998. PESC 98 Record. 29th Annual IEEE , Volume: 2 , 17-22 May 1998

Pages:1180 - 1185 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(304KB\)\]](#) [IEEE CNF](#)

15 MOS-gated three-terminal bi-directional switch

Dutta, R.; Ajit, J.S.; Kinzer, D.;

Power Semiconductor Devices and ICs, 1998. ISPSD 98. Proceedings of the 10th International Symposium on , 3-6 June 1998

Pages:213 - 216

[\[Abstract\]](#) [\[PDF Full-Text \(260KB\)\]](#) [IEEE CNF](#)

[1](#) [2](#) [Next](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **8** of **1074479** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

(document <near> object <near> model) <and> (auc

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 **A multimedia document model for continuous media**

Emery, J.; Karmouch, A.;

Electrical and Computer Engineering, 1993. Canadian Conference on , 14-17 Sept. 1993

Pages:640 - 643 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(228 KB\)\]](#) **IEEE CNF**

2 **A market-based economic model for multi-media object storage and distribution**

Narayan, S.; Losleben, P.; Fah-Chun Cheong;

Multi-Media Database Management Systems, 1995. Proceedings., International Workshop on , 28-30 Aug. 1995

Pages:118 - 125

[\[Abstract\]](#) [\[PDF Full-Text \(792 KB\)\]](#) **IEEE CNF**

3 **An object oriented model for multimedia objects**

Ismail, L.S.;

Electronics, Circuits and Systems, 2000. ICECS 2000. The 7th IEEE International Conference on , Volume: 1 , 17-20 Dec. 2000

Pages:70 - 73 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) **IEEE CNF**

4 **Allocating data objects to multiple sites for fast browsing of hypermedia documents**

Siu-Kai So; Ahmad, I.; Karlapalem, K.;

Computer Software and Applications Conference, 1998. COMPSAC '98. Proceedings. The Twenty-Second Annual International , 19-21 Aug. 1998

Pages:406 - 411

[\[Abstract\]](#) [\[PDF Full-Text \(44 KB\)\]](#) **IEEE CNF**

5 Software for audio delivery and navigation

Li Weihua;

Intelligent Processing Systems, 1997. ICIPS '97. 1997 IEEE International Conference on , Volume: 2 , 28-31 Oct. 1997
Pages:1702 - 1704 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(345 KB\)\]](#) [IEEE CNF](#)

6 Universal data access with OLE DB

Blakeley, J.A.;

Compcon '97. Proceedings, IEEE , 23-26 Feb. 1997
Pages:2 - 7

[\[Abstract\]](#) [\[PDF Full-Text \(604 KB\)\]](#) [IEEE CNF](#)

7 Meta-data modelling for quality of service (QoS) management in the World Wide Web (WWW)

Madja, E.; Hafid, A.; Dssouli, R.; von Bochmann, G.; Gecsei, J.;

Multimedia Modeling, 1998. MMM '98. Proceedings. 1998 , 12-15 Oct. 1998
Pages:223 - 230

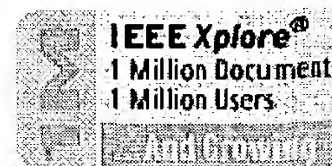
[\[Abstract\]](#) [\[PDF Full-Text \(44 KB\)\]](#) [IEEE CNF](#)

8 Interactive multimedia on the World Wide Web

Wunnava, S.V.; Williams, T.;

Southeastcon '99. Proceedings. IEEE , 25-28 March 1999
Pages:110 - 115

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) [IEEE CNF](#)



Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Search Results [PDF FULL-TEXT 792 KB] DOWNLOAD CITATION



Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

A market-based economic model for multi-media object storage and distribution

Narayan, S. Losleben, P. Fah-Chun Cheong

Dept. of Electr. Eng., Stanford Univ., CA, USA;

This paper appears in: Multi-Media Database Management Systems, 1995. Proceedings., International Workshop on

Meeting Date: 08/28/1995 - 08/30/1995

Publication Date: 28-30 Aug. 1995

Location: Blue Mountain Lake, NY USA

On page(s): 118 - 125

Reference Cited: 14

Inspec Accession Number: 5074282

Abstract:

Unlike conventional text-based information, media **objects** such as **audio**, **video**, images, graphics, are much larger in size. The recent proliferation of World-Wide Web multimedia compound **documents** on the Internet has resulted in ever escalating network traffic, whose rate will not be sustainable for long before encountering serious performance problems. We have devised an integrated framework covering aspects of both data storage and data distribution of multimedia **objects**. Our approach uses a market-based economic **model** incorporating four economic paradigms (i.e. client-consultant, landlord-tenant, carrier-passenger, and franchisor-franchisee paradigms) to handle policies of data caching, replication and migration. Our approach is novel in that: (1) it provides an automatic way for managing multimedia objects in a decentralized fashion, and (2) it is object-centric and thus allows providers and users of objects to contribute to the object distribution policies using the same market pricing mechanisms that also govern storage and distribution of the multimedia objects themselves

Index Terms:

Internet World-Wide Web multimedia compound **documents** **audio** automatic multimedia **object** management cache storage data caching data distribution data storage economics graphics images integrated framework market pricing mechanisms market-based economic **model** migration multimedia computing multimedia **object** distribution multimedia **object** storage **object**-centric method **object**-oriented databases replication **video** Internet World-Wide Web multimedia compound **documents** **audio** automatic multimedia **object** management cache storage data caching data distribution data storage economics graphics images integrated framework market pricing mechanisms market-based economic **model** migration multimedia computing multimedia **object** distribution multimedia **object** storage **object**-centric method **object**-oriented databases replication **video**



Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

[Print Format](#)

[Search Results](#) [\[PDF FULL-TEXT 228 KB\]](#) [DOWNLOAD CITATION](#)



A multimedia document model for continuous media

Emery, J. Karmouch, A.

Dept. of Electr. Eng., Ottawa Univ., Ont., Canada;

*This paper appears in: **Electrical and Computer Engineering, 1993. Canadian Conference on***

Meeting Date: 09/14/1993 - 09/17/1993

Publication Date: 14-17 Sept. 1993

Location: Vancouver, BC Canada

On page(s): 640 - 643 vol.2

Reference Cited: 7

Inspec Accession Number: 4811704

Abstract:

Multimedia **documents** are created by including information from various media in a single entity referred to as a **document**. A **document model** is required by an editor in order to represent the **document** electronically. Multimedia **document models** must contain temporal information so that the representation of continuous media, such as **audio** and **video**, is sufficient for the rendering of those media **objects**. In this paper, we present a multimedia **document model** called MEDIADOC

Index Terms:

MEDIADOC audio continuous medi document handling multimedia document architecture multimedia document model multimedia systems rendering synchronization synchronisation temporal information video MEDIADOC audio continuous medi document handling multimedia document architecture multimedia document model multimedia systems rendering synchronization synchronisation temporal information video

Documents that cite this document

There are no citing documents available in IEEE Xplore at this time.

[Search Results](#) [\[PDF FULL-TEXT 228 KB\]](#) [DOWNLOAD CITATION](#)